

ENERGY AND ENVIRONMENT CABINET

Steven L. Beshear Governor

**Department for Environmental Protection Division of Waste Management** 200 Fair Oaks, 2<sup>nd</sup> Floor Frankfort, Kentucky 40601-1190 www.kentucky.gov

Leonard K. Peters Secretary

January 27, 2014

Ms. Rachel Blumenfeld US Department of Energy Portsmouth/Paducah Project Site Office PO Box 1410 Paducah, Kentucky 42002

RE: Approval of the Federal Facility Agreement Milestone Modification for the Proposed Plan for the Burial Grounds Operable Unit Source Areas Solid Waste Management Units 5 and 6 (DOE/LX/07-1275&D2) and Subsequent Documents. Paducah Gaseous Diffusion Plant

Paducah, McCracken County, Kentucky

KY8-890-008-982

Ms. Blumenfeld:

The Kentucky Division of Waste Management (Division) acknowledges receipt of the DOE's January 16, 2014 Federal Facility Agreement (FFA) Milestone Modification for the D2 Proposed Plan for the Burial Grounds Operable Unit Source Areas Solid Waste Management Units 5 and 6 and subsequent documents. This 30-day extension is based on the Division's December 19, 2013 extension request which sought additional time to allow for a decision regarding Site 9 to be made prior to accepting a preferred alternative and ultimate approval of a remedy to address SWMUs 5 and 6. In accordance with Sections XXIX.B.4 and XXIX.B.6 of the FFA, the Division agrees that good cause exists for this Modification, which is hereby granted.

If you have any questions or require additional information, please contact Gaye Brewer at (270) 898-8468, or e-mail gaye.brewer@ky.gov.



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Sincerely,

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April J. Webb, P.E., Manager Hazardous Waste Branch

## AJW:tm:gb:lww

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DWM File: #1100-E, Graybar ARM20130010 (Rev PP for BGOU SWMUs 5 & 6)

DWM File: #505-B; Graybar: AIN20130003 (2013 SMP FFA Mods)

Attachment: Signed FFA Milestone Modification Form

## MODIFICATION TO THE PADUCAH FEDERAL FACILITY AGREEMENT ACCORDING TO THE TERMS OF SECTION XXXIX

| Rachel H. Blumenfeld  Requester's Organization: U.S. Department of Energy  Section to be modified: Appendices C and G  Reason for modification: To modify Burial Grounds Operable Unit (OU) Solid Waste Management Units (SWMUs) 5 and 6  Federal Facility Agreement (FFA) milestones to allow for the extension of the D1 Record of Decision (ROD), D1 Remedial Design Work Plan, D1 Remedial Design Report, D1 Remedial Action Work Plan, Field Start, and D1 Remedial Action Completion Report by 30 days. The extension is based upon the Kentucky Department for Environmental Protection (KDEP) request to extend the review time for the Proposed Plan for the Burial Grounds Operable Unit Source Areas at the Paducah Gaseous Diffusion Plant, Kentucky: Solid Waste Management Units 5 and 6, DOE/LX/07-1275&D2, by 30 days. As a result of KDEP's request, and in accordance with Section XXIX.B.4 of the FFA, a 30-day milestone extension of the subsequent Burial Grounds OU SWMUs 5 and 6  FFA documents is applicable.  Modification requested:  Project  Project  Deliverable D1 ROD  D1 Remedial Design Work Plan  4/26/2014  Mew Date 4/26/2014  SWMUs 5 and 6  Burial Grounds OU, D1 Remedial Design Report  A/26/2015  S/26/2015  SWMUs 5 and 6  Burial Grounds OU, Field Start  12/5/2015  1/4/2016  |
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| U.S. Department of Energy  Section to be modified: Appendices C and G  Reason for modification: To modify Burial Grounds Operable Unit (OU) Solid Waste Management Units (SWMUs) 5 and 6  Federal Facility Agreement (FFA) milestones to allow for the extension of the D1 Record of Decision (ROD), D1 Remedial Design Work Plan, D1 Remedial Design Report, D1 Remedial Action Work Plan, Field Start, and D1 Remedial Action Completion Report by 30 days. The extension is based upon the Kentucky Department for Environmental Protection (KDEP) request to extend the review time for the Proposed Plan for the Burial Grounds Operable Unit Source Areas at the Paducah Gaseous Diffusion Plant, Kentucky: Solid Waste Management Units 5 and 6, DOE/LX/07-1275&D2, by 30 days. As a result of KDEP's request, and in accordance with Section XXIX.B. 4 of the FFA, a 30-day milestone extension of the subsequent Burial Grounds OU SWMUs 5 and 6 FFA documents is applicable.  Modification requested:  Project Burial Grounds OU, BU Remedial Design Work Plan Burial Grounds OU, SWMUs 5 and 6  |
| Section to be modified: Appendices C and G  Reason for modification: To modify Burial Grounds Operable Unit (OU) Solid Waste Management Units (SWMUs) 5 and 6 Federal Facility Agreement (FFA) milestones to allow for the extension of the D1 Record of Decision (ROD), D1 Remedial Design Work Plan, D1 Remedial Design Report, D1 Remedial Action Work Plan, Field Start, and D1 Remedial Action Completion Report by 30 days. The extension is based upon the Kentucky Department for Environmental Protection (KDEP) request to extend the review time for the Proposed Plan for the Burial Grounds Operable Unit Source Areas at the Paducah Gaseous Diffusion Plant, Kentucky. Solid Waste Management Units 5 and 6, DOE/LX/O7-1275&D2, by 30 days. As a result of KDEP's request, and in accordance with Section XXIX.B.4 of the FFA, a 30-day milestone extension of the subsequent Burial Grounds OU SWMUs 5 and 6 FFA documents is applicable.  Modification requested:  Modification requested:  Project Burial Grounds OU, D1 Remedial Design Work Plan  4/26/2014  D1 ROD  D1 Remedial Design Work Plan  4/26/2014  SVMUs 5 and 6  Burial Grounds OU, D1 Remedial Design Report  4/26/2015  5/26/2015  MWUs 5 and 6  Burial Grounds OU, SWMUs 5 and 6  |
| Appendices C and G  Reason for modification: To modify Burial Grounds Operable Unit (OU) Solid Waste Management Units (SWMUs) 5 and 6 Federal Facility Agreement (FFA) milestones to allow for the extension of the D1 Record of Decision (ROD), D1 Remedial Design Report, D1 Remedial Action Work Plan, Field Start, and D1 Remedial Action Completion Report by 30 days. The extension is based upon the Kentucky Department for Environmental Protection (KDEP) request to extend the review time for the Proposed Plan for the Burial Grounds Operable Unit Source Areas at the Paducah Gaseous Diffusion Plant, Kentucky: Solid Waste Management Units 5 and 6, DOE/LX/07-1275&D2, by 30 days. As a result of KDEP's request, and in accordance with Section XXIX.B.4 of the FFA, a 30-day milestone extension of the subsequent Burial Grounds OU SWMUs 5 and 6 FFA documents is applicable.  Modification requested:  Project Burial Grounds OU, D1 Remedial Design Work Plan  Modification SOU, D1 Remedial Design Work Plan  M26/2014  Mew Date 4/26/2014  New Date 4/26/2014  S/26/2015  S/26/2015  Mus 5 and 6  Burial Grounds OU, D1 Remedial Design Report  M26/2015  Mus 5 and 6  Burial Grounds OU, Mus 5 and 6  |
| Reason for modification: To modify Burial Grounds Operable Unit (OU) Solid Waste Management Units (SWMUs) 5 and 6 Federal Facility Agreement (FFA) milestones to allow for the extension of the D1 Record of Decision (ROD), D1 Remedial Design Work Plan, D1 Remedial Design Report, D1 Remedial Action Work Plan, Field Start, and D1 Remedial Action Completion Report by 30 days. The extension is based upon the Kentucky Department for Environmental Protection (KDEP) request to extend the review time for the Proposed Plan for the Burial Grounds Operable Unit Source Areas at the Paducah Gaseous Diffusion Plant, Kentucky: Solid Waste Management Units 5 and 6, DOE/LX/07-1275&D2, by 30 days. As a result of KDEP's request, and in accordance with Section XXIX.B.4 of the FFA, a 30-day milestone extension of the subsequent Burial Grounds OU SWMUs 5 and 6 FFA documents is applicable.  Modification requested:  Project Burial Grounds OU, Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, Burial Grounds OU, Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, Burial Grounds OU, Burial Grounds OU, Field Start  12/5/2015  1/4/2016  Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, Burial Gro |
| Project Burial Grounds OU, SWMUs 5 and 6   |
| Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, D1 Remedial Design Report 4/26/2015  SWMUs 5 and 6  Burial Grounds OU, Field Start 12/5/2015 1/4/2016  Burial Grounds OU, SWMUs 5 and 6   |
| Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, D1 Remedial Design Report 4/26/2015  SWMUs 5 and 6  Burial Grounds OU, Field Start 12/5/2015 1/4/2016  Burial Grounds OU, SWMUs 5 and 6   |
| SWMUs 5 and 6  Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, D1 Remedial Design Report 4/26/2015  SWMUs 5 and 6  Burial Grounds OU, D1 Remedial Action Work Plan 5/26/2015  SWMUs 5 and 6  Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, Field Start 12/5/2015  Burial Grounds OU, SWMUs 5 and 6  Burial Grounds OU, Field Start 12/5/2015  Burial Grounds OU, D1 Remedial Action Completion Report 4th Quarter 2016 <sup>2</sup> 1st Quarter 2017 <sup>2</sup>  |
| SWMUs 5 and 6  Burial Grounds OU, D1 Remedial Design Report 4/26/2015 5/26/2015  Burial Grounds OU, D1 Remedial Action Work Plan 5/26/2015 6/25/2015  SWMUs 5 and 6  Burial Grounds OU, Field Start 12/5/2015 1/4/2016  Burial Grounds OU, D1 Remedial Action Completion Report 4th Quarter 2016 <sup>2</sup> 1st Quarter 2017 <sup>2</sup>  |
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| Burial Grounds OU, D1 Remedial Action Work Plan 5/26/2015 6/25/2015  Burial Grounds OU, Field Start 12/5/2015 1/4/2016  Burial Grounds OU, D1 Remedial Action Completion Report 4th Quarter 2016 <sup>2</sup> 1st Quarter 2017 <sup>2</sup>  |
| SWMUs 5 and 6  Burial Grounds OU, Field Start 12/5/2015 1/4/2016  SWMUs 5 and 6  Burial Grounds OU, D1 Remedial Action Completion Report 4th Quarter 2016 <sup>2</sup> 1st Quarter 2017 <sup>2</sup>   |
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| Notes:  The currently approved FFA dates are based on the milestone modification for Burial Grounds Operable Unit SWMUs 5 and 6, dated December 16, 2013.  Indicates a planning date.  Determination by any one of the three project managers that a modification is major will require that the modification be   |
| submitted for public participation to the extent required by DOE's Community Relations Plan under Section XXXIII.  |
| Major modification?  |
| YES NO   |
| DOE, Paducah Site Manager's Approval:  |
| Tribery Buneafor   |
|  |
| KDEP, Division of Waste Management Director's Approval:    Mark  |
| EPA, Region 4, Remedial Project Manager's Approval:  |

Note: Return to DOE after signature for the Administrative Record and to initiate distribution to FFA "Controlled" copies.